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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/771,626	01/30/2001	Mitsuru Kuroda	Q62784	1257

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EXAMINER

LE, LANA N

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 09/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/771,626

Applicant(s)

KURODA, MITSURU

Examiner

Lana Le

Art Unit

2685

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☒ Claim(s) 9-12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2-4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Tappura et al (EP 0,888,005A2).

Regarding claim 1, Tappura et al discloses a portable radio device 2 (figs. 1a-1c) comprising:

a flat lid 5 having on a surface thereof a concave reflecting member having a predetermined curvature (col 3, line 54 - col 4, line 7);

and a small-size display device having an information display function for projecting light rays of a displayed image (col 3, line 54 – col 4, line 27);

the lid and the display device being adjustable in their positional relationship (col 8, lines 10-20) for applying light rays of a displayed image projected from the display device to the concave reflecting member and reflecting the light rays at an enlarged scale from the concave reflecting member (fig. 1a; col 4, line 40-57).

Regarding claim 2, Tappura et al further discloses a portable radio device according to claim 1, for use as a portable telephone set 2 (col 8, lines 19-20).

Regarding claim 3, Tappura et al further discloses a portable radio device 2 according to claim 1, further comprising:

a casing 2 (fig. 1b);

the flat lid 5 being angularly movably coupled to an end of the casing by a hinge mechanism (col 4, lines 1-27; fig. 1a);

the small-size display device being positioned with respect to the lid such that when the lid is angularly moved and held at a given angle, light rays of a displayed image projected from the display device is applied to the concave reflecting member and reflected at an enlarged scale from the concave reflecting member (col 5, lines 30-45; fig. 1a).

Regarding claim 4, Tappura et al further discloses a portable radio device according to claim 3, wherein the small-size display device is angularly movable for positional adjustment (col 4, lines 1-27; fig. 1a; col 3, lines 34-36).

Regarding claim 5, Tappura et al further discloses a portable radio device according to claim 3, for use as a portable telephone set 2 (col 8, lines 19-20).

Regarding claim 6, Tappura et al further discloses a portable radio device according to claim 3, wherein the small-size display device 1 at 3 is mounted on the casing 2 (fig. 1b).

Regarding claim 7, Tappura et al further discloses a portable radio device according to claim 6; wherein the small-size display device is angularly movable for positional adjustment (col 4, lines 1-27; fig. 1a; col 8, lines 10-20).

Regarding claim 8, Tappura et al further discloses a portable radio device according to claim 3, wherein the small-size display device 1 at 3 is mounted on the flat lid 5 (fig. 1c).

Allowable Subject Matter

2. Claims 9-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 9, Tappura et al further discloses a portable radio device according to claim 1, further comprising:

a casing 2;

However, the cited prior art fails to further disclose:

a module casing detachably connected to the casing;

the small-size display device being mounted in the module casing, the flat lid being angularly movably coupled to an end of the module casing by a hinge mechanism

Regarding claim 10, the cited prior art fails to further disclose a portable radio device according to claim 9, wherein the module casing has an external interface connector, and the casing has a connector which electrically connects the casing to the external interface connector, the module casing being structurally connected to the casing by the connector.

Regarding claim 11, the cited prior art fails to further disclose a portable radio device according to claim 9, wherein the small-size display device is angularly movable for positional adjustment.

Regarding claim 12, the cited prior art fails to further disclose a portable radio device according to claim 9, for use as a portable telephone set.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lana Le whose telephone number is (703) 308-5836. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (703) 305-4385. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

August 25, 2003

Lana Le


EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
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